

			Application	Serial Number	09/49	6,889
			Filing Date		02/02	//00
			First Named	Inventor	Louis	Raymond Falce
	TRANSMITTA	Т	Group Art U	nit	3746	
	40		Examiner Na	ame	Ehud	Gartenberg
	FORM		Attorney Do	cket No.	ETI-0	081
۵, ا	2 6 2001 E		Patent No.	7 - 1-31	6,336	,318
13 Ar			Issue Date		01/08	/02
	California de la calenda de la	ENC	CLOSURES (c	heck all that apply)		
ПБ	ee Transmittal Form			to File Missing		Request for Certificate of
	Check Attached Copy of Fee			ration (PTO-1553)		Correction Certificate of Correction (in duplicate)
	Transmittal Form	•			<b></b>	
	Amendment/Response		Request For Co			Notice of Appeal to Board of Patent Appeals and Interferences
	☐ Preliminary ☐ After Final		Transmittal	(02)		Appeal Brief (in triplicate)
	☐ Affidavits/declaration(s)☐ Letter to Official		Power of Attor (Revocation of	ney `Prior Powers)		Status Inquiry
	Draftsperson including Drawings		•	,	$\boxtimes$	Return Receipt Postcard
	[Total Sheets]		Terminal Discl	aimer		Certificate of Facsimile Transmission under 37 C.F.R. 1.8
	Petition for Extension of Time		of Attorney for Patent Applica		$\boxtimes$	Additional Enclosure(s) (please identify below)
	Information Disclosure Statement		Small Entity St	tatement	$\boxtimes$	Appendix A (8 pages)
	Form PTO-1449			Power of Attorney er of Attorney and respondence		Request for Entry and Recordation of Revocation of Power of Attorney with New power of Attorney and change of Correspondence Address
	Copies of IDS Citations		CD(s) for large program	table or computer		(1 Page)
	Certified Copy of Priority Document(s)		Amendment A	fter Allowance		
	☐ Paper Copy/CD☐ Computer Readable Copy			RST CLASS MAIL		
	Statement verifying identity of above	is/are beir prepaid, i	ng deposited wi n an envelope a	th the United States I	Postal Ser p Post Iss	ment(s) referred to as enclosed herein, vice as first class mail, postage sue, Commissioner for Patents, P.O. sy of April, 2007
					Larol	ine Freeley
CORR	RESPONDENCE ADDRESS			SIGNATURE BLO	оск	
Direct all correspondence to:  Patent Administrator Proskauer Rose LLP One International Ple Boston, MA 02110- Tel. No.: (617) 526-5 Fax No.: (617) 526-5		2600 9600	Date: April 13, 200' Reg. No.: 56,834 Tel. No.: (617) 526- Fax No.: (617) 526-	-9712	Erik Saarmaa Attorney for the Applicant(s) Proskauer Rose LLP One International Place Roston, MA 02110-2600	

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



## REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND

# CHANGE OF CORRESPONDENCE ADDRESS

The assignee of record of the entire right, title, and interest of the U.S. patents identified in Appendix A hereby revokes all previous powers of attorney, and requests that the U.S. Patent and Trademark Office appoint the practitioners associated with

#### **Customer Number: 42532**

as attorney(s) and/or agent(s) to prosecute and transact all business in the U.S. Patent and Trademark Office in connection therewith. Customer Number 42532 is assigned to Proskauer Rose LLP, One International Place, Boston MA 02110-2600.

Assignee also hereby grants an additional Power of Attorney to the attorney(s) and/or agent(s) named below to file and prosecute foreign national patent applications in any and all countries of the world, regional patent applications under the European Patent Convention and/or international applications under the Patent Cooperation Treaty based upon the patents identified in Appendix A, including a power to meet all designated office requirements for designated states.

David Baltazar	Reg. No.: 53,964	Tiffany A. Levato	Reg. No.: 50,160
Steven M. Bauer	Reg. No.: 31,481	Robert S. Mayer	Reg. No.: 38,544
Paul Booth	Reg. No.: 40,244	Silvana M. Merlino	Reg. No.: 44,237
Sandra A. Brockman-Lee	Reg. No.: 44,045	David G. Miranda	Reg. No.: 42,898
Joseph A. Capraro, Jr.	Reg. No.: 36,471	Kristen H. Neuman	Reg. No.: 35,530
Mark A. Catan	Reg. No.: 38,720	Jeremy P. Oczek	Reg. No.: 50,794
Anthony C. Coles	Reg. No.: 34,139	Kenneth Rubenstein	Reg. No.: 30,586
Breda Donovan	Reg. No.: 52,828	Colin Sandercock	REg. No.: 31,298
Alan Federbush	Reg. No.: 37,619	Erik Saarmaa	Reg. No. :56,834
Todd A. Gerety	Reg. No.: 51,729	James H. Shalek	Reg. No.: 29,749
Nolan Goldberg	Reg. No.: 54,126	John C. Stellabotte	Reg. No.: 47,969
Louis Greco	Reg. No.: 41,799	Deborah M. Vernon	Reg. No.: 55,699
Charles Guttman	Reg. No.: 29,161	Baldassare Vinti	Reg. No.: 43,970
Tzvi Hirshaut	Reg. No.: 38,732	Carolyn E. Whyte	Reg. No.: 55,728
John Isacson	Reg. No.: 33,715	Scott K. Witonsky	Reg. No.: 56,471
David Laub	Reg. No.: 38,708	•	<b>5</b> , ,

Please change the correspondence address for all of the patents identified in Appendix A to the address associated with:

## **Customer Number: 42532**

The assignee of record of the entire right, title, and interest of the patents identified in Appendix A, in accordance with 37 C.F.R. § 3.73(b), is L-3 Communications Electron Technologies, Inc., organized and existing under the laws of the state of Delaware, having a usual place of business at 3100 W Lomita Blvd, Torrance, CA 90509.

#### SIGNATURE OF ASSIGNEE OF RECORD

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Name:	KEVIN P. MALLON			
Title:	PRESIGENT, L-3	PRESIGENT, L-3 ELECTRON TECHNOLOGIES, ITC.		
Signature	20mula			
Date	11/79/06	Telephone No. 310 517-6942		

# APPENDIX A

Atty Docket No.	Serial/Patent No.	Filing/Issue Date	Recordation Information
ETI-004	4,802,234	02/16/1998	Recorded on June 1, 2006 at
		01/31/1989	Reel No. 017706, Frame No. 0155
ETI-006	4,792,654	11/04/1987	Recorded on June 1, 2006 at
		12/20/1988	Reel No. 017706, Frame No. 0155
ETI-007	4,833,921	05/05/1988	Recorded on June 1, 2006 at
		05/30/1989	Reel No. 017706, Frame No. 0155
ETI-008	5,162,697	08/06/1990	Recorded on June 1, 2006 at
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ETI-009	5,051,656	09/05/1989	Recorded on June 1, 2006 at
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ETI-010	4,943,343	08/14/1989	Recorded on June 1, 2006 at
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ETI-011	5,184,098	02/10/1992	Recorded on June 1, 2006 at
		02/02/1993	Reel No. 017706, Frame No. 0155
EIT-012	5,038,070	12/26/1989	Recorded on June 1, 2006 at
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ETI-013	5,083,958	06/06/1991	Recorded on June 1, 2006 at
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ETI-014	5,063,323	07/16/1990	Recorded on June 1, 2006 at
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ETI-015	5,179,363	03/14/1991	Recorded on June 1, 2006 at
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ETI-016	5,041,757	12/21/1990	Recorded on June 1, 2006 at
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ETI-017	5,065,070	05/06/1991	Recorded on June 1, 2006 at
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ETI-018	5,112,438	11/29/1990	Recorded on June 1, 2006 at
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ETI-019	5,162,747	02/19/1991	Recorded on June 1, 2006 at
		11/10/1992	Reel No. 017706, Frame No. 0155
ETI-020	5,130,206	07/29/1991	Recorded on June 1, 2006 at
		07/14/1992	Reel No. 017706, Frame No. 0155



## PATENT APPLICATION

Attorney Docket No.: ETI-081

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Louis Raymond Falce, et al.

PATENT NO.:

6,336,318

DATED:

January 8, 2002

TITLE:

ION THRUSTER HAVING A HOLLOW CATHODE ASSEMBLY WITH AN ENCAPSULATED HEATER, AND ITS FABRICATION

Mail Stop Post Issue Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

# Request for Entry and Recordation of Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address

Applicants respectfully request that the attached Revocation of Power of Attorney With New Power of Attorney and Change of Correspondence Address is entered and recorded.

Furthermore, in connection with the attached Declaration and Power of Attorney, Applicants respectfully request that the Attorney Docket No. be updated to read "ETI-081".

If there are any questions regarding this matter, the U.S. Patent Office is kindly requested to contact the undersigned at the telephone number identified below.

Respectfully submitted,

Date: April 13, 2007 Reg. No. 56,834

Tel No. (617) 526-9712 Fax No. (617) 526-9899 Erik Saarmaa

Proskauer Rose LLP One International Place Boston, MA 02110-2600

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Atty Docket No.	Serial/Patent No.	Filing/Issue Date	Recordation Information
ETI-021	5,148,131	06/11/1991	Recorded on June 1, 2006 at
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ETI-022	5,285,174	12/23/1992	Recorded on June 1, 2006 at
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ETI-024	5,376,905	08/23/1993	Recorded on June 1, 2006 at
	•	12/27/1994	Reel No. 017706, Frame No. 0155
ETI-025	5,347,243	12/23/1992	Recorded on June 1, 2006 at
		09/13/1994	Reel No. 017706, Frame No. 0155
ETI-026	5,218,522	03/03/1992	Recorded on June 1, 2006 at
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ETI-027	5,418,510	11/22/1993	Recorded on June 1, 2006 at
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ETI-028	5,477,107	12/21/1993	Recorded on June 1, 2006 at
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ETI-029	5,428,322	02/22/1994	Recorded on June 1, 2006 at
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ETI-030	5,614,877	03/15/1995	Recorded on June 1, 2006 at
		03/25/1997	Reel No. 017706, Frame No. 0155
ETI-031	5,959,406	08/23/1995	Recorded on June 1, 2006 at
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ETI-032	5,604,747	02/28/1996	Recorded on June 1, 2006 at
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ETI-033	5,561,405	06/05/1995	Recorded on June 1, 2006 at
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ETI-034	5,600,290	09/05/1995	Recorded on June 1, 2006 at
		02/04/1997	Reel No. 017706, Frame No. 0155
ETI-035	5,534,881	08/31/1994	Recorded on June 1, 2006 at
		07/09/1996	Reel No. 017706, Frame No. 0155
ETI-036	6,049,249	09/08/1997	Recorded on June 1, 2006 at
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ETI-037	5,834,971	11/08/1995	Recorded on June 1, 2006 at
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ETI-038	5,658,181	09/11/1995	Recorded on June 1, 2006 at
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ETI-039	5,760,667	07/12/1995	Recorded on June 1, 2006 at
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ETI-040	6,060,832	09/05/1997	Recorded on June 1, 2006 at
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ETI-042	5,828,268	06/05/1997	Recorded on June 1, 2006 at
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ETI-043	5,699,029	04/30/1996	Recorded on June 1, 2006 at
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ETI-044	6,057,748	05/14/1999	Recorded on June 1, 2006 at
		05/02/2000	Reel No. 017706, Frame No. 0155
ETI-045	5,977,849	07/22/1997	Recorded on June 1, 2006 at
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ETI-046	6,335,854	02/21/2000	Recorded on June 1, 2006 at
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ETI-047	5,774,030	03/31/1997	Recorded on June 1, 2006 at
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ETI-048	5,924,277	12/17/1996	Recorded on June 1, 2006 at
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ETI-049	6,201,949B1	05/22/1998	Recorded on June 1, 2006 at
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ETI-050	5,936,482	11/20/1997	Recorded on June 1, 2006 at
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ETI-051	5,796,319	08/26/1997	Recorded on June 1, 2006 at
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ETI-052	6,181,221B	10/06/1998	Recorded on June 1, 2006 at
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Atty Docket No.	Serial/Patent No.	Filing/Issue Date	Recordation Information
ETI-053	6,118,978	04/28/1998	Recorded on June 1, 2006 at
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ETI-054	09/949,480	09/07/2001	Recorded on June 1, 2006 at
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ETI-055	10/200,658	07/22/2002	Recorded on June 1, 2006 at
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ETI-056	5,977,858	07/31/1998	Recorded on June 1, 2006 at
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ETI-059	6,118,356	09/16/1998	Recorded on June 1, 2006 at
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ETI-060D1	6,150,907	05/03/1999	Recorded on June 1, 2006 at
		11/21/2000	Reel No. 017706, Frame No. 0155
ETI-061	6,304,160	05/03/1999	Recorded on June 1, 2006 at
		10/16/2001	Reel No. 017706, Frame No. 0155
ETI-062	6,483,242	10/25/1999	Recorded on June 1, 2006 at
		11/19/2002	Reel No. 017706, Frame No. 0155
ETI-063	5,964,633	12/15/1997	Recorded on June 1, 2006 at
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ETI-064	5,932,971	06/05/1997	Recorded on June 1, 2006 at
		08/03/1999	Reel No. 017706, Frame No. 0155
ETI-065	5,942,852	06/05/1997	Recorded on June 1, 2006 at
		08/24/1999	Reel No. 017706, Frame No. 0155
ETI-066	6,111,358	07/31/1998	Recorded on June 1, 2006 at
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ETI-067	6,094,009	06/05/1997	Recorded on June 1, 2006 at
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ETI-068	6,118,911	09/25/1998	Recorded on June 1, 2006 at
		09/12/2000	Reel No. 017706, Frame No. 0155

Atty Docket No.	Serial/Patent No.	Filing/Issue Date	Recordation Information
ETI-069	6,002,310	02/27/1998	Recorded on June 1, 2006 at
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ETI-073	6,048,242	04/21/1999	Recorded on June 1, 2006 at
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ETI-075	6,044,001	01/19/1999	Recorded on June 1, 2006 at
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ETI-080	6,229,262	10/25/1999	Recorded on June 1, 2006 at
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ETI-081	6,336,318	02/02/2000	Recorded on June 1, 2006 at
		01/08/2002	Reel No. 017706, Frame No. 0155
ETI-082	6,318,069	02/02/2000	Recorded on June 1, 2006 at
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ETI-083	6,154,383	07/12/1999	Recorded on June 1, 2006 at
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ETI-086	6,369,521	08/22/2001	Recorded on June 1, 2006 at
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ETI-087	6,181,585B1	07/12/1999	Recorded on June 1, 2006 at
		01/30/2001	Reel No. 017706, Frame No. 0155
ETI-088	6,584,675	06/09/2000	Recorded on June 1, 2006 at
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ETI-089	6,619,028	12/05/2001	Recorded on June 1, 2006 at
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ETI-090	6,250,070	05/09/2000	Recorded on June 1, 2006 at
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ETI-093	6,489,858	03/21/2001	Recorded on June 1, 2006 at
		12/03/2002	Reel No. 017706, Frame No. 0155
ETI-094	6,549,088	09/21/2001	Recorded on June 1, 2006 at
		04/15/2003	Reel No. 017706, Frame No. 0155
ETI-095	4,725,797	06/01/1987	Recorded on June 1, 2006 at
		02/16/1988	Reel No. 017706, Frame No. 0155
ETI-096	4,837,480	03/28/1988	Recorded on June 1, 2006 at
		06/06/1989	Reel No. 017706, Frame No. 0155
ETI-097	4,838,021	12/11/1987	Recorded on June 1, 2006 at
		06/13/1989	Reel No. 017706, Frame No. 0155
ETI-098	4,942,336	04/18/1988	Recorded on June 1, 2006 at
		07/17/1990	Reel No. 017706, Frame No. 0155
ETI-099	4,947,467	03/24/1988	Recorded on June 1, 2006 at
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ETI-100	5,012,211	09/02/1987	Recorded on June 1, 2006 at
		04/30/1991	Reel No. 017706, Frame No. 0155

Atty Docket No.	Serial/Patent No.	Filing/Issue Date	Recordation Information
ETI-101	5,034,711	01/23/1990	Recorded on June 1, 2006 at
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		11/10/1992	Reel No. 017706, Frame No. 0155
ETI-103	5,173,669	09/04/1990	Recorded on June 1, 2006 at
		12/22/1992	Reel No. 017706, Frame No. 0155
ETI-104	5,247,267	10/15/1991	Recorded on June 1, 2006 at
		09/21/1993	Reel No. 017706, Frame No. 0155
ETI-105	5,257,872	05/05/1992	Recorded on June 1, 2006 at
		11/02/1993	Reel No. 017706, Frame No. 0155
ETI-106	5,934,965	04/11/1997	Recorded on June 1, 2006 at
		08/10/1999	Reel No. 017706, Frame No. 0155
ETI-107	6,619,028	12/05/2001	Recorded on June 1, 2006 at
		09/16/2003	Reel No. 017706, Frame No. 0155
ETI-108	6,657,521	04/26/2002	Recorded on June 1, 2006 at
		12/02/2003	Reel No. 017706, Frame No. 0155
ETI-109	6,771,014	09/07/2001	Recorded on June 1, 2006 at
		08/03/2004	Reel No. 017706, Frame No. 0155
ETI-110	6,786,035	07/22/2002	Recorded on June 1, 2006 at
		09/07/2004	Reel No. 017706, Frame No. 0155
ETI-111	6,104,262	10/06/1998	Recorded on June 1, 2006 at
		08/15/2000	Reel No. 017706, Frame No. 0155
ETI-112	6,549,088	09/21/2001	Recorded on June 1, 2006 at
		08/15/2000	Reel No. 017706, Frame No. 0155
ETI-139	10/910,166	08/03/2004	Recorded on June 1, 2006 at
			Reel No. 017706, Frame No. 0155
ETI-114	6,822,533	12/20/2002	Recorded on June 1, 2006 at
		11/23/2004	Reel No. 017706, Frame No. 0155
ETI-115	5,731,750	01/29/1996	Recorded on June 1, 2006 at
		03/24/1998	Reel No. 017706, Frame No. 0155
ETI-116	6,366,183	12/09/1999	Recorded on June 1, 2006 at
		04/02/2002	Reel No. 017706, Frame No. 0155

Atty Docket No.	Serial/Patent No.	Filing/Issue Date	Recordation Information
ETI-117	6,489,842	01/05/2001	Recorded on June 1, 2006 at
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ETI-091	10/011,387	12/04/2001	Recorded on June 1, 2006 at
			Reel No. 017706, Frame No. 0155
ETI-130	6,181,221	10/06/1998	Recorded on June 1, 2006 at
		01/30/2001	Reel. No. 17706, Frame No. 0155